

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANTATTY. DOCKET NO.
AL-255APPLN. NO.
10/655,853APPLICANT
Gregory StarrCONF. NO.
7257FILING DATE
September 5, 2003GROUP ART UNIT
2816

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>AM</i>	Re. 35,797	5/1998	Graham et al.	326	40	
	3,473,160	10/1969	Wahlstrom	326	41	
	4,494,021	1/1985	Bell et al.	307	591	
	4,633,488	12/1986	Shaw	375	120	
	4,719,593	1/1988	Threewitt et al.	364	900	
	4,857,866	8/1989	Tateishi	331	1A	
	4,868,522	9/1989	Popat et al.	331	2	
	4,959,646	9/1990	Podkowa et al.	340	825.83	
	5,072,195	12/1991	Graham et al.	331	2	
	5,075,575	12/1991	Shizukuishi et al.	307	465	
<i>AM</i>	5,079,519	1/1992	Ashby et al.	331	1A	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>AM</i>	0 266 065	5/1988	European Pat. Off.	—	—	✓	
<i>AM</i>	0 416 930	3/1991	European Pat. Off.	—	—	✓	
<i>AM</i>	0 778 517	6/1997	European Pat. Off.	—	—	✓	
<i>AM</i>	0 987 822	3/2000	European Pat. Off.	—	—	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
<i>AM</i>	Advanced Micro Devices, Inc., "Am2971 Programmable Event Generator (PEG)," Publication No. 05280, Rev. C, Amendment /0, pp. 4-286 - 4-303 (July 1986)
	Advanced Micro Devices, Inc., "AmPAL*22S8 20-Pin IMOX PAL-Based Sequencer," Publication No. 06207, Rev. B, Amendment /0, pp. 4-102 - 4-121 (October 1986)
	Agere Systems, Inc., "ORCA ORT82G5 0.622/1.0-1.25/2.0-2.5/3.125 Gbits/s Backplane Interface FPSC," Preliminary Data Sheet, pp. 1-35 (July 2001)
	Agere Systems, Inc., "ORCA 8850 Field-Programmable System Chip (FPSC) Eight Channel x 850 Mbits/s Backplane Transceiver," Product Brief, pp. 1-6 (July 2001)
<i>AM</i>	Agere Systems, Inc., "ORCA 8850 Field-Programmable System Chip (FPSC) Eight Channel x 850 Mbits/s Backplane Transceiver," Product Brief, pp. 1-36 (August 2001)

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9/21/04

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FORM PTO-649

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>RL</i>	5,121,014	6/1992	Huang	327	276	
	5,133,064	7/1992	Hotta et al.	395	550	
	5,204,555	4/1993	Graham et al.	307	465	
	5,208,557	5/1993	Kersh	331	57	
	5,239,213	8/1993	Norman et al.	326	38	
	5,349,544	9/1994	Wright et al.	364	600	
	5,394,116	2/1995	Kasturia	331	34	
	5,397,943	3/1995	West et al.	326	39	
	5,418,499	5/1995	Nakao	331	57	
	5,420,544	5/1995	Ishibashi	331	11	
<i>RL</i>	5,424,687	6/1995	Fukuda	331	11	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>RL</i>	1 056 207	11/2000	European Pat. Off.	—	—		
<i>RL</i>	1-137646	5/1989	Japan	—	—	✓	
<i>RL</i>	10,215,156	8/1998	Japan Pat. Abstract	—	—	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
<i>RL</i>	DynaChip Corp., "Application Note: Using Phase Locked Loops in DL6035 Devices" (1998)
<i>RL</i>	DynaChip Corp., DY6000 Family Datasheet (December 1998)
<i>RL</i>	Ko, U., et al., "A 30-ps Jitter, 3.6 μ s Locking, 3.3-Volt Digital PLL for CMOS Gate Arrays," <u>Proceedings of the IEEE 1993 Custom Integrated Circuits Conference</u> , Publication No. 0-7803-0826-3/93, pp. 23.3.1-23.3.4 (May 9-12, 1993)
<i>RL</i>	LSI Logic Corp., 500K Technology Design Manual (Document DB04-000062-00, First Edition), pp. 8-1 - 8-33 (December 1996)
<i>RL</i>	Lucent Technologies, Inc., "Optimized Reconfigurable Cell Array (ORCA®) OR3Cxxx/OR3Txxx Series Field-Programmable Gate Arrays, Preliminary Product Brief, (November 1997)

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FORM PTO 449

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>AL</i>	5,448,191	9/1995	Meyer	327	105	
	5,477,182	12/1995	Huizer	327	261	
	5,506,878	4/1996	Chiang	377	39	
	5,542,083	7/1996	Hotta	709	400	
	5,581,214	12/1996	Iga	331	16	
	5,629,651	5/1997	Mizuno	331	34	
	5,642,082	6/1997	Jefferson	331	25	
	5,646,564	7/1997	Erickson et al.	327	158	
	5,656,959	8/1997	Chang et al.	327	105	
	5,691,669	11/1997	Tsai et al.	331	17	
<i>AL</i>	5,699,020	12/1997	Jefferson	331	17	

FOREIGN PATENT DOCUMENTS

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
<i>AL</i>	Lucent Technologies, Inc., "ORCA® Series 3 Field-Programmable Gate Arrays, Preliminary Data Sheet, Rev. 01 (August 1998)
	Monolithic Memories, Inc., "Programmable Array Logic PAL20RA10-20 Advance Information," pp. 5-95 - 5-102 (January 1988)
	National Semiconductor Corp., <u>LVDS Owner's Manual & Design Guide</u> (April 25, 1997)
	National Semiconductor Corp., "DS90CR285/DS90CR286 +3.3V Rising Edge Data Strobe LVDS 28-Bit Channel Link-66 MHZ," (March 1998)
<i>AL</i>	Xilinx, Inc., "Virtex 2.5V Field Programmable Gate Arrays Advance Product Specification (Version 1.0) (October 20, 1998)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RL	5,742,180	4/1998	DeHon et al.	326	40	
	5,744,991	4/1998	Jefferson et al.	327	158	
	5,777,360	7/1998	Rostoker et al.	257	315	
	5,815,016	9/1998	Erickson	327	158	
	5,847,617	12/1998	Reddy et al.	331	57	
	5,889,436	3/1999	Yeung et al.	331	2	
	5,900,757	5/1999	Aggarwal et al.	327	198	
	5,952,891	9/1999	Boudry	331	57	
	5,963,069	10/1999	Jefferson et al.	327	158	
	5,970,110	10/1999	Li	377	48	
tu	5,974,105	10/1999	Wang et al.	375	376	

FOREIGN PATENT DOCUMENTS

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
tu	Xilinx, Inc., "Application Note: Using the Virtex Delay-Locked Loop (Version 1.31) (October 21, 1998)
tu	Zaks, R., et al., <u>From Chips to Systems: An Introduction to Microcomputers</u> , pp. 54-61 (Prentice-Hall, Inc., Englewood Cliffs, N.J., 1987)

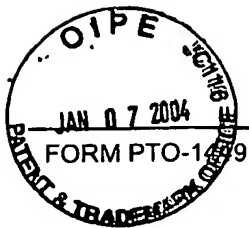
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	APPLICANT Gregory Starr	CONF. NO. 7257
	FILING DATE September 5, 2003	GROUP ART UNIT 2816

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>AK</i>	5,987,543	11/1999	Smith	710	70	
	5,999,025	12/1999	New	327	156	
	6,014,048	1/2000	Talaga, Jr., et al.	327	156	
	6,043,677	3/2000	Albu et al.	326	39	
	6,069,506	5/2000	Miller, Jr., et al.	327	156	
	6,069,507	5/2000	Shen et al.	327	156	
	6,104,222	8/2000	Embree	327	156	
	6,114,915	9/2000	Huang et al.	331	25	
	6,141,394	10/2000	Linebarger et al.	375	376	
	6,144,242	11/2000	Jeong et al.	327	269	
<i>AK</i>	6,157,266	12/2000	Tsai et al.	331	57	

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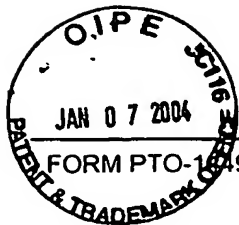
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<i>ku</i>	6,249,189	6/2001	Wu et al.	331	18	
	6,252,419	6/2001	Sung et al.	326	38	
	6,278,332	8/2001	Nelson et al.	331	17	
	6,320,469	11/2001	Friedberg et al.	331	1A	
	6,373,278	4/2002	Sung et al.	326	38	
	6,411,150	6/2002	Williams	327	281	
	6,462,623	10/2002	Horan et al.	331	17	
	6,483,886	11/2002	Sung et al.	375	376	
<i>ku</i>	2001/0033188 A1	10/2001	Aung et al.	327	141	

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